PTO/SB/08A (08-03)

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known	
Application Number	10/054,749
Filing Date	January 18, 2002
First Named Inventor	Stork, David G.
Art Unit	2142
Examiner Name	Blair, D. B.
Attorney Docket Number	015358-006710US

U.S. PATENT DOCUMENTS+

Examiner Initials*	Cite No.[1]	Document Number: Number Kind Code[2] (*if known*)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document: Country Code[3] Number[4] Kind Code[5] (*if known*)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]
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Sheet 1 of 3

Complete if Known	
Application Number	10/054,749
Filing Date	January 18, 2002
First Named Inventor	Stork, David G.
Group Art Unit	2153
Examiner Name	Burgess, Glenton B.
Attorney Docket Number	15358-006710US

U.S. PATENT DOCUMENTS

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AD	AA	RE 31,287		Patil	06-21-1983	
AE	AB	4,068,214		Patil	01-10-1978	
AB	AC	4,644,461		Jennings	02-17-1987	
AB	AD	4,700,187		Furtek	10-13-1987	
AB	AE	4,866,605		Nakano et al.	09-12-1989	
AB	AF	5,029,080		Otsuki	07-02-1991	
AB	AG	5,257,363		Shapiro et al.	10-26-1993	
AB	AH	5,283,896		Temmyo et al.	02-01-1994	
AB	AI	5,291,427		Loyer et al.	03-01-1994	
AB	AJ	5,555,179		Koyama et al.	09-10-1996	
AB	AK	5,742,283		Kim	04-21-1998	
AB	AL	6,002,850		Simino et al.	12-14-1999	
AB	AM	6,011,830		Sasin et al.	01-04-2000	
AB	AN	6,067,357		Kishinsky et al.	05-23-2000	
AB	AO	6,178,239	B1	Kishinsky et al.	01-23-2001	
AB	AP	6,225,998	B1	Okita et al.	05-01-2001	
AB	AQ	6,256,598	B1	Park et al.	07-03-2001	
AB						

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	AR	DE	4301391	A1	~~Vetterkind, D.~~	~~08-11-1994~~		
	AS	DE	19821062	A1	~~Siemens, A.G.~~	~~11-27-1997~~		
	AT	JP	7160773	A	~~Omron, K.K.~~	~~06-23-1995~~		
	AU	JP	~~10049206~~	A	~~Kobe Steel, Ltd.~~	~~02-20-1998~~		
	AV	JP	~~10058288~~	A	~~Toshiba, K.K.~~	~~03-03-1998~~		
	AW	JP	~~10124110~~	A	~~Ebara Corp.~~	~~05-13-1998~~		
	AX	JP	~~10240714~~	A	~~Toshiba, K.K.~~	~~09-11-1998~~		
	AY	JP	11328259	A	~~Nippon Steel Corp.~~	~~11-30-1999~~		

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	AA	KOHLER et al., "Liveness Preserving Composition of Behaviour Protocols for Petri Net Agents," Technical Report, Universitat Hamburg, Fachbereich Informatik (2001).	

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First Named Inventor	Stork, David G.
Group Art Unit	2153
Examiner Name	Burgess, Glenton B.
Attorney Docket Number	15358-006710US

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

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	AZ	ACETO, L., and HENNESSY, M., "Adding Action Refinement to a Finite Process Algebra", Information and Computation, 115, pp. 179-247 (1994).	
	BA	ANONYMOUS, "Petri net approach to checking software structural change correctness in operation – using changed region analysis to identify parts still needing further checking using set of linear expressions in logic relationship," RD 348009 A, p. 225, (4-10-1993).	
	BB	BAI, YUE-BIN, LIU, YI, MA, JIAN-SHE, and ZHENG, SHOU-QI, "Research and Implementation of Distributed Security Administration System for Remote Access Based on NAS," Mini-Micro Systems, Vol. 21, No. 11, pp. 1197-2000 (Nov. 2000).	
	BC	BAUDERON, M. and COURCELLE, B. "Graph Expressions and Graph Rewriting," Mathematical Systems Theory, Vol. 20, pp. 83-127, (1987).	
	BD	CHUN, Yang, "Application and Research of a User Name and Password Authentication Based on SOCKS V5," Journal of University of Electronic Science and Technology of China, Vol. 30, No. 2, pp. 162-165 (Apr. 2001).	
	BE	DOYLE, E.M., TAVERES, S.E., and MEIJER, H., "Computer Analysis of Cryptographic Protocols Using Colored Petri Nets," 18th Bienniel Symposium on Communication Symposium Proceedings, pp. 194-199 (June, 1996).	
	BF	EL-HADIDI, M.T., HEBAZI, N.H., and ASLAN, H.K., "Implementation of a Hybrid Encryption Scheme for Ethernet," Proceedings of IEEE Symposium on Computers and Communications, Alexandria, Egypt, pp. 150-156 (June 1995)	
	BG	GENRICH, H.J., and LAUTENBACH, K., "System Modelling With High-Level Petri Nets," Theoretical Computer Science, 13, pp. 109-136, (1981).	
	BH	JUSZCZYSZYN, K., "Secure Information Flow Model for Corporate Network," Information Systems Architecture and Technology ISAT 2000, pp. 272-279, (2000).	
	BI	KARRI, R., "A Security Imbedded Authentication Protocol," IEEE INFOCOM '88 – The Conference on Computer Communications Proceedings, pp. 1105-1109 (March 1988).	
	BJ	KRAMER, B., "Rule-Enhanced Petri Nets for Software Process Modeling," SEKE ' 94 – The 6th International Conference on Software Engineering and Knowledge Engineering, pp. 493-500 (June 1994)	
	BK	MILNER, R. "Communicating and Mobile Systems: The π - Calculus," Cambridge University Press, Cambridge, UK, pp. 1-161, (1999).	
	BL	MIRSKY, E., and DEHON, A., "MATRIX: A Reconfigurable Computing Architecture with Configurable Instruction Distribution and Deployable Resources," Proceedings of IEEE Workship of FPGAs for Custom Computing Machines, pp. 157-166, (1996).	
	BM	MURATA, T., "Petri nets: Properties, Analysis and Applications," Proceedings of the IEEE, Vol. 77, No. 4, pp. 541-580, (April 1989).	
	BN	MORTON, C.M., ROBART, L.C., and TAVARES, S.E., "Decomposition Techniques for Cryptographic Protocol Analysis," 1994 Canadian Conference on Electrical and Computer Engineering, pp. 335-339, (September 1994).	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3 of 3

Complete if Known	
Application Number	10/054,749
Filing Date	January 18, 2002
First Named Inventor	Stork, David G.
Group Art Unit	2153
Examiner Name	Burgess, Glenton B.
Attorney Docket Number	15358-006710US

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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
	BO	OHTA, A., OHBA, T., and HISAMURA, T., "On Liveness of Subclasses of Petri Nets with Permission or Inhibitor Arcs," Trans. of the Society of Instrument and Control Engineers, Vol. 31, No. 10, pp. 1722-1729 (1995).	
	BP	SCHMIDT, H.W., "Prototyping and Analysis of Non-Sequential Systems Using Predicate-Event Nets," Journal Systems Software, Vol. 15, pp. 43-62, (1991).	
	BQ	VALETTE, R., "Analysis of Petri Nets By Stepwise Refinements," Journal of Computer and System Sciences, Vol. 18, No. 1, pp. 35-46, (1979).	
	BR	VAN DER AALST, WIL M.P., "Interorganizational Workflows: An approach based on message sequence charts and Petri Nets," website address: http://tmitwww.tm.tue.nl/staff/wvdaalst/Publications/p70.pdf, from In Proceedings of PROLAMAT'98, IFIP Transactions, Trento, pp. 1-43, (1998).	
	BS	VAN DER AALST, WIL M.P., "Interorganizational Workflows: An approach based on message sequence charts and Petri Nets," Systems Analysis – Modelling – Stimulation (SAMS), Vol. 34, pp. 335-367, (1999).	
	BT	VAN DER AALST, WIL M.P., "Interorganizational Workflows: An approach based on message sequence charts and Petri Nets." Systems analysis – Modelling – Stimulation, Vol. 35, No. 3, pp. 345-357, (1999).	
	BU	VAN DER AALST, WIL M.P., "Three Good Reasons for Using a Petri-Net-Based Workflow Management System," Information and Process Integration in Enterprises: Rethinking Documents, Kluwer Academic Publishers, Norwell, MA, pp. 161-182 (1998).	
	BV	VAN GLABBEEK, R., and GOLTZ, U., "Refinement of Actions in Causality Based Models," Proceedings of the Rex Workshop – Stepwise Refinement of Distributed Systems Models, Formalisms, Correctness, Mook, The Netherlands, pp. 267-300, (May 29 – June 2, 1989).	
	BW	VAN GLABBEEK, and R., WEIJLAND, P., "Branching Time and Abstraction in Bisimulation Semantics," Journal of the ACM, Vol. 43, No. 3, pp. 555-600 (May 1996).	
	BX	WEITZ, W., "SGML Nets: Integrating Document and Workflow Modeling," Proceedings of the 31st Annual Hawaii International Conference on System Sciences, IEEE, pp. 185-194 (1998).	

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Sheet 1 of 2

Complete if Known	
Application Number	10/054,749
Filing Date	January 18, 2002
First Named Inventor	Stork, David G.
Art Unit	2171
Examiner Name	Unassigned
Attorney Docket Number	015358-006710US

U.S. PATENT DOCUMENTS

Examiner	Cite No.[1]	Document Number Number Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
AG	AA	US-6,011,830	01-04-2000	Sasin et al.	

FOREIGN PATENT DOCUMENTS

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Sheet 2 of 2

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Application Number	10/054,749
Filing Date	January 18, 2002
First Named Inventor	Stork, David G.
Art Unit	2171
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Attorney Docket Number	015358-006710US

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
	AB	BRAUER et al., "Survey of Behaviour and Equivalence Preserving Refinements of Petri Nets," Grzegorz Rozenberg, eds., in Advances in Petri Nets 1990, No. 483, in Lecture Notes in Computer Science (LNCS), PAGES 1-46.	
	AC	GENRICH et al., "Predicate / Transition Nets," from *Lecture Notes in Computer Science*, Goos and Hartmanis eds., vol. 254, Petri Nets: Central Models and Their Properties, Brauer et al., eds., pages 208-247, Springer-Verlag (1987).	
	AD	KOHLER et al., "Modeling the Structure and Behaviour of Petri Net Agents," from *Lecture Notes in Computer Science*, vol. 2075, pages 224-241 (2001), Colom & Koutny eds., Springer-Verlag (2001).	
	AE	SMITH, E., "Principles of High-Level Net Theory," from *Lecture Notes in Computer Science*, vol. 1491, pages 174-210 (1998), Reisig & Rozenberg Eds., Springer-Verlag (1998).	
	AF	VALK, R., "Petri Nets as Token Objects, An Introduction to Elementary Object Nets," from *Lecture Notes in Computer Science*, vol. 1420, pages 1-25, Springer-Verlag (1989).	

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First Named Inventor	Stork, David G.
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	AC	4,644,461		Jennings	02-17-1987	
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	AQ	6,266,598	B1	Park et al.	07-03-2001	

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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

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	AZ	ACETO, L., and HENNESSY, M., "Adding Action Refinement to a Finite Process Algebra"," Information and Computation, 115, pp. 179-247 (1994).	
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Examiner Signature		Date Considered	9/22/06

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3 of 3

Complete If Known	
Application Number	10/054,749
Filing Date	January 18, 2002
First Named Inventor	Stork, David G.
Group Art Unit	2171
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Attorney Docket Number	015358-008710US

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